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NOTICE

The Weather Bureau desires that the MONTHLY WEATHER REVIEW shall be a medium of contributions within its field, but such publication is not to be construed as official approval of the views expressed.

TABLE OF CONTENTS

The following synoptic table shows the first page of each of the principal sections in the respective numbers of the MONTHLY WEATHER REVIEW for 1942.

REGULAR MONTHLY SECTIONS, 1942

[Page number]

Charts I–VI and VIII–XI appear in each issue of the REVIEW, January to December, inclusive:

Chart I. Temperature departures and wind roses for selected stations.
II. Tracks of centers of anticyclones.
III. Tracks of centers of cyclones.
IV. Percentage of clear sky between sunrise and sunset.
V. Total precipitation for the month.
VI. Isobars at sea level and isotherms at surface; prevailing winds.
VII. Total snowfall—appears during the season, January to March or April, and November and December.
VIII–XI. Resultant winds, the isobars and the isotherms at four upper levels. [These four charts were discontinued for the duration of the war at the end of November.]

Special charts [in December issue only]: Annual temperature departures (°F.) in the United States, 1942. Percentage of normal annual precipitation in the United States, 1942 (based on first-order stations).

CORRECTIONS

MAY 1919

Vol. 47, page 302, table 3, Porto Bello, the date in the second column should be "November 29, 1911," as recorded in table 1 on the preceding page.

OCTOBER 1941

The *insert map* on Climatological Chart No. 5, which shows departures of precipitation from normal, was discontinued beginning with October 1941 and continuing through July 1942. Publication of this insert was renewed beginning with the August issue; and the maps for the intervening months are included in this issue.

DECEMBER 1941

Vol. 69, page 357, the date "May 1, 1908," following Porto Bello, should be eliminated; also, the legend to the figure should be deleted; page 361, on the chart facing this page, the precipitation departure figures for Nevada should be "+5" and "+10," since the entire State had *plus* departures for the year in question. A corrected loose chart is enclosed in this issue; page 357, Baguio, P. I., near the middle of the graph, the date "June 14–15" should be "July 14–15"; page 367, table headed, LATE REPORTS FOR NOVEMBER 1941, only the date for the last two stations (Pearl Harbor and Swan Island) are for November; the data for all the other stations are for *December* 1941.

JANUARY 1942

Vol. 70, page 18, the temperature departure for Juneau, Alaska, given as "+.6" should be "+10.6"; page 20, table 2, Cambridge, the departures from weekly means for January 1, 8, 15, and 22, respectively, published as "+21, +72, +60, and +19", should be, "−108, +25, +12, and −21." The accumulated departure on January 28 should be "−644," not "+1204."

FEBRUARY 1942

Vol. 70, page 34, Nevada temperature departure, "−1.9" should be "−2.4".

MARCH 1942

Vol. 70, page 57, Nevada temperature departure, "+1.4" should be "−1.4"; page 50, Oakland 2,000-meter pressure level, change "788" to "798".

APRIL 1942

Vol. 70, page 72, table 1, Anchorage, Alaska, 15,000-meter level, "166" should be "116".

MAY 1942

Vol. 70, page 102, first column, next to last paragraph, fifth line, the pressure at the 8,500-foot level should be "770 mbs."; page 107, Nevada temperature departure, "−3.0" should be "−2.3".

JUNE 1942

Vol. 70, page 125, the symbol "„" for Seattle, Wash., and Eugene, Oreg., should be ".." [continuous light rain]; page 126, 1st column, next to bottom line, "directions" should be "direction"; page 127, the symbol "*" at Caribou, Maine, should be "]."; page 141, table of crest stages in Mississippi and Missouri River basins, crest stage for St. Louis, Mo., "34.3" should be "34.5"; page 142, table of Flood-Stage Report, same correction.

JULY 1942

Vol. 70, page 160, in lower half of table 1, substitute the following figures for Lake Charles:

Altitude (meters) m. s. l.	Station and elevation in meters above sea level: Lake Charles, La. (5 m.)			
	Number of observations	Pressure	Temperature	Relative humidity
Surface	31	1017	25.7	89
500	31	961	24.8	73
1,000	31	908	22.2	69
1,500	31	857	19.6	62
2,000	31	809	16.7	59
2,500	31	762	13.9	56
3,000	31	718	11.1	54
4,000	31	637	5.7	50
5,000	31	563	−0.1	52
6,000	31	496	−6.0	52
7,000	31	436	−12.4	50
8,000	30	382	−19.3	49

Altitude (meters) m. s. l.	Station and elevation in meters above sea level: Altitude (meters) m. s. l.			
	Number of observations	Pressure	Temperature	Relative humidity
9,000	30	333	−26.4	48
10,000	30	290	−33.9	48
11,000	29	250	−41.8	.....
12,000	29	216	−49.7	.....
13,000	27	185	−57.2	.....
14,000	26	156	−63.5	.....
15,000	26	133	−68.2	.....
16,000	22	113	−70.8	.....
17,000	19	95	−71.3	.....
18,000	17	80	−69.4	.....
19,000	16	68	−66.4	.....
20,000	7	58	−63.1	.....

All observations taken at 11:00 p. m., 75th meridian time.
None of the means included in this table are based on less than 15 surface or 5 standard level observations.

Number of observations refers to pressure only, as temperature and humidity are missing for some observations at certain levels, also, the humidity data are not used in daily observations when the temperature is below −40° C.
Stations marked with the figure one (1) are Navy stations.

Page 160, table 1, Detroit, due to surface readings from a faulty barometer, all pressures are 1.5 mbs. too low from the surface through 5 kilometers, and 1.0 mb. too low above 5 kilometers; page 169, table of Flood Stage Report, crest stage for St. Louis, Mo., for "34.3" read "34.5".

AUGUST 1942

Vol. 70, page 186, Detroit, due to surface readings from a faulty barometer, all pressures are 1.5 mbs. too low from the surface through 5 kilometers, and 1.0 mb. too low above 5 kilometers.

OCTOBER 1942

Vol. 70, page 244, Columbia, Mo., (Missouri Valley section) date of highest temperature is "7", not "2"; Rapid City (Northern Slope section), mean cloudiness is "4.9", not "4.8"; page 246, table 1, all data for Blue Hill, Mass., should be deleted pending the establishment of a new correction factor for that station.

NOVEMBER 1942

Vol. 70, lithograph chart VII (Total Snowfall), at the end of this issue, should be dated "November" instead of "March".

DECEMBER 1942

Vol. 70, chart facing page 273, the title of the chart should be, *Percentage of Normal Annual Precipitation in the United States, 1942 (based on first-order stations).*

519955—43

SUBJECT AND AUTHOR INDEX OF THE MONTHLY WEATHER REVIEW, 1942, VOL. 70